

tiary Beds of that State; which was referred to a Committee consisting of Drs. Leidy, Morton, and Pickering.

A letter was read from Col. Everest, dated Claybrook Hall, Lutterworth, England, July 17th, 1847, presenting his work announced this evening.

The Committee, to whom was referred the consideration of the propriety of altering the Lecture room, and adapting it to the purposes of the Museum, reported in favor of the same, and submitted a plan, which was approved; and resolutions were adopted, authorizing the Committee to commence the work as soon as practicable.

Stated Meeting, September 10, 1847.

7
2

DR. MCEUEN in the Chair.

DONATIONS TO MUSEUM.

Dr. F. Rømer, of Berlin, presented the following fossils from the Green Sand of Germany. *Thracia* 1 species; *Mya* 1; *Heteropora* 1; *Tragos* 1; *Exogyra* 3; *Isocardia* 1; *Serpula* 1; *Nucleolites* 1; *Terebratula* 6; *Ceriopora* 2; *Alocolites* 1; *Scyphias* 2, *Ostrea* 1; *Belemnites* 1; and 1 ear bone of a fish. Also, one specimen of *Echinolampus*, from the Middle Tertiary of Germany.

Dr. T. B. Wilson presented the following mounted specimens of Mammalia. *Hylobates leuciscus*, *H. syndactylus*, *Ateles beelzebub*, *Sus scropha* from Java, *Felis leopardus*, *F. minuta*, *F. leo* (young), *Ursus labiatus*, *Paradoxurus typus*, *Manis pentadactylus*, *Antelope tragulus*, *A. pygmæa*, *Viverra indica*, *V. genetta*, *Cervus muntjac*, *Moschus javanicus*, *Didelphis cancrivora*, *D. minuta*, *Canis vulpes* (Europe), *Talpa Europœa*, *Sciurus striatus*, *Lutra barang*, *Herpestes mungoz*, *Dicoteles torquatus*,

Bradypus tridactylus, (2 specimens,) *Dasyopus novemcinctus*, (young) *Myrmecophaga didactyla*, *M. bivittata*. Also, an albino Kangaroo, from the Menagerie of the King of Holland, an unique specimen, and supposed to be a new species.

DONATIONS TO LIBRARY.

- Diagnoses Conchyliorum terrestrium et fluviatilium. Von E. A. Rossmässler. Hefts. 1 & 2. From Dr. R. E. Griffith.
- Gelehrte anzeigen herausgegeben mitgliedern der f. bayer. Academie der Wissenschaften. Vols. 16—23. From the Academy.
- Die ueberbleibsel der altägyptischen menschenrace. Von Dr. Franz Pruner. 4to. Munich, 1846. From the same.
- Abhandlungen der Mathematisch-physikalischen classe der Koeniglich bayer, Acad. der Wissenschaften. Vol. 4, p. 3. 4to. From the same.
- Bulletin der Koeniglich Acad. der Wissenschaften. An. 1846, Nos. 1—7, 1847. From the same.
- Almanach der K. bayer. Acad. der Wissense. fur das jahr 1847. From the same.
- The organization of Trilobites, deduced from their living affinities, with a systematic review of the species hitherto described. By Heermann Burmeister, M. D. Edited from the German by Profs. Bell and Forbes. Folio. London: 1847. Deposited by Dr. Wilson.
- The Genera of Birds, by George Robert Gray. Nos. 38 and 39. 4to. From the same.
- The Birds of Australia. By John Gould. Parts 28 and 29; Folio. From the same.
- The Zoology of the Voyage of H. B. M. Erebus and Terror. No. 10, 4to. From the same.
- Oken's Isis; 38 vols., from 1817 to 1844, inclusive. 4to. Also No. 4, for 1847. From the same.
- Archiv. für naturgeschichte. Von A. F. A. Wiegmann; 11 vols., 1835 to 1846, and No. 1, 1847. From the same.
- Histoire naturelle des Oiseaux d'Afrique; per Francois Le vaillant. 6 vols. folio. Paris, 1799—1808. From the same.

- Histoire naturelle des Oiseaux ; par M. de Buffon, (planches enluminees,). 10 vols., folio. Paris, 1771—1786. From the same.
- Revue Zoologique, par la Société Cuvierienne. Nos. 3, 4, 5, and 6, for 1847. From the same.
- Petrifactions recueillies en Amerique par Mr. Alex. de Humboldt, et par Mr. Charles Degenhardt ; décrites par Léopold de Buch. Folio. Berlin, 1839. From Mr. T. A. Conrad.
- Sur les spirifers et les Orthis ; explication de deux planches, qui representant la structure des ces coquilles. Par Léopold de Buch. Folio. From the same.
- Explication de trois planches d'Ammonites ; par Léopold de Buch. 4to. texte, planches folio. From the same.
- American Journal of Science and Arts, 2d series, No. 11. Sept., 1847. From the Editors.
- On the growth of plants in closely glazed cases. By N. E. Ward, F. R. S. 8vo. London ; 1842. From the author, through Dr. Asa Gray.
- Note upon *Carex loliacea*, Lin. and *C. gracilis*, Ehrh. By Asa Gray, (from Silliman's Journal, vol. 4.) From the author.
- Voyage botanique le long des côtes septentrionales de la Norvège depuis Drontheim jusqu' au Cap nord : par Ch. Martins. From the author.
- List of Osteological specimens in the collection of the British Museum. 12mo. London, 1847. From the Trustees.
- Catalogue général de Hector Bossange. Paris, 1843—47. From E. Bossange, Esq., of New York.

A letter was read from the Royal Academy of Sciences of Munich, acknowledging the receipt of certain Nos. of the Proceedings.

Dr. Hallowell read a description of a new species of *Coluber*, (*C. venustus*, Hal.) from Copper Harbor, Lake Superior, which was referred to a committee, viz : Dr. Pickering, Mr. Phillips and Prof. Baird, of Carlisle.

Dr. Leidy read a paper on the Fossil Horse of America. Referred to Drs. Morton, Hallowell and Pickering.

Mr. Townsend exhibited a living specimen of the common mouse, (*Mus musculus*) which possessed the remarkable peculiarity of uttering notes resembling those of a singing bird. The notes were uttered in very rapid succession, and although weak, could be readily distinguished at the distance of several yards. The animal was recently taken in an ordinary trap, by a lady residing in the Northern Liberties.

Dr. Warrington, of England, exhibited and explained the modus operandi of an instrument of his own invention, which he called *Spirometer*, the object of which he stated to be, to test the capacity of the lungs in health and disease. "The amount of cubic inches of air the lungs are capable of expelling, being always in proportion to the height of the individual, and a scale attached to the instrument indicating with accuracy any diminished capacity, a standard of health and disease could be thus readily fixed, and the disorganization or contraction of the organ early detected."

Meeting for Business, Sept. 28, 1847.

MR. PHILLIPS in the Chair.

The Committee to whom was referred the following paper, by Dr. Leidy, reported in favor of publication in the Proceedings.

On the Fossil Horse of America.

BY JOSEPH LEIDY, M. D.

The fact of the existence of fossil remains of the horse in America has been generally received with a good deal of incredulity, arising, perhaps, from the mere fact being stated of their having been found, often without even mentioning the associate fossils, and in all cases, previous to Mr. Owen,* without describing the specimen. At present their existence being fully confirmed, it is probably as much a wonder to naturalists as was the first sight of

* Zoology of the Voyage of the Beagle, part 1. By R. Owen, Esq. London, 1840.